Virginia Tech ETD Fair Use Analysis Results

Based on the information you provided:

Factor 1
Your consideration of the purpose and character of your use of the copyright work weighs: in favor of fair use

Factor 2
Your consideration of the nature of the copyrighted work you used weighs: in favor of fair use

Factor 3
Your consideration of the amount and substantiality of your use of the copyrighted work weighs: in favor of fair use

Factor 4
Your consideration of the effect or potential effect on the market after your use of the copyrighted work weighs: in favor of fair use

Based on the information you provided, your use of the copyrighted work weighs: in favor of fair use
Virginia Tech ETD Fair Use Analysis Results

This is not a replacement for professional legal advice but an effort to assist you in making a sound decision.

Name: Fernando Navarro
Report generated on: 05-07-2010 at: 09:38:11

Based on the information you provided:

Factor 1
Your consideration of the purpose and character of your use of the copyright work weighs: in favor of fair use

Factor 2
Your consideration of the nature of the copyrighted work you used weighs: in favor of fair use

Factor 3
Your consideration of the amount and substantiality of your use of thecopyrighted work weighs: in favor of fair use

Factor 4
Your consideration of the effect or potential effect on the market after your use of thecopyrighted work weighs: in favor of fair use

Based on the information you provided, your use of the copyrighted work weighs: in favor of fair use
Virginia Tech ETD Fair Use Analysis Results

This is not a replacement for professional legal advice but an effort to assist you in making a sound decision.

Name: Fernando Navarro


Report generated on: 05-07-2010 at : 10:27:52

Based on the information you provided:

Factor 1

Your consideration of the purpose and character of your use of the copyright work weighs: in favor of fair use

Factor 2

Your consideration of the nature of the copyrighted work you used weighs: in favor of fair use

Factor 3

Your consideration of the amount and substantiality of your use of the copyrighted work weighs: in favor of fair use

Factor 4

Your consideration of the effect or potential effect on the market after your use of the copyrighted work weighs: in favor of fair use

Based on the information you provided, your use of the copyrighted work weighs: in favor of fair use
Virginia Tech ETD Fair Use Analysis Results

Name: Fernando Navarro


Report generated on: 05-07-2010 at 10:33:01

Based on the information you provided:

Factor 1
Your consideration of the purpose and character of your use of the copyright work weighs: in favor of fair use

Factor 2
Your consideration of the nature of the copyrighted work you used weighs: in favor of fair use

Factor 3
Your consideration of the amount and substantiality of your use of the copyrighted work weighs: in favor of fair use

Factor 4
Your consideration of the effect or potential effect on the market after your use of the copyrighted work weighs: in favor of fair use

Based on the information you provided, your use of the copyrighted work weighs: in favor of fair use
Virginia Tech ETD Fair Use Analysis Results

This is not a replacement for professional legal advice but an effort to assist you in making a sound decision.

Name: Fernando Navarro

Based on the information you provided:

Factor 1
Your consideration of the purpose and character of your use of the copyright work weighs: in favor of fair use

Factor 2
Your consideration of the nature of the copyrighted work you used weighs: in favor of fair use

Factor 3
Your consideration of the amount and substantiality of your use of the copyrighted work weighs: in favor of fair use

Factor 4
Your consideration of the effect or potential effect on the market after your use of the copyrighted work weighs: in favor of fair use

Based on the information you provided, your use of the copyrighted work weighs: in favor of fair use
Virginia Tech ETD Fair Use Analysis Results

This is not a replacement for professional legal advice but an effort to assist you in making a sound decision.

Name: Fernando Navarro
Report generated on: 05-07-2010 at: 10:44:51

Based on the information you provided:

**Factor 1**
Your consideration of the purpose and character of your use of the copyright work weighs: **in favor of fair use**

**Factor 2**
Your consideration of the nature of the copyrighted work you used weighs: **in favor of fair use**

**Factor 3**
Your consideration of the amount and substantiality of your use of the copyrighted work weighs: **in favor of fair use**

**Factor 4**
Your consideration of the effect or potential effect on the market after your use of the copyrighted work weighs: **in favor of fair use**

Based on the information you provided, your use of the copyrighted work weighs: **in favor of fair use**
Name: Fernando Navarro
Report generated on: 05-07-2010 at: 10:46:25
Based on the information you provided:

Factor 1
Your consideration of the purpose and character of your use of the copyright work weighs: in favor of fair use

Factor 2
Your consideration of the nature of the copyrighted work you used weighs: in favor of fair use

Factor 3
Your consideration of the amount and substantiality of your use of the copyrighted work weighs: in favor of fair use

Factor 4
Your consideration of the effect or potential effect on the market after your use of the copyrighted work weighs: in favor of fair use

Based on the information you provided, your use of the copyrighted work weighs: in favor of fair use
Virginia Tech ETD Fair Use Analysis Results

This is not a replacement for professional legal advice but an effort to assist you in making a sound decision.

Name: Fernando Navarro

Description of item under review for fair use: Figure "Side Shooter thermal..." in http://www.techexchange.com/thelibrary/thumbnail.pdf, p. 7.

Report generated on: 05-07-2010 at: 10:59:13

Based on the information you provided:

Factor 1
Your consideration of the purpose and character of your use of the copyright work weighs: in favor of fair use

Factor 2
Your consideration of the nature of the copyrighted work you used weighs: in favor of fair use

Factor 3
Your consideration of the amount and substantiality of your use of the copyrighted work weighs: in favor of fair use

Factor 4
Your consideration of the effect or potential effect on the market after your use of the copyrighted work weighs: in favor of fair use

Based on the information you provided, your use of the copyrighted work weighs: in favor of fair use
Virginia Tech ETD Fair Use Analysis Results

This is not a replacement for professional legal advice but an effort to assist you in making a sound decision.

Name: Fernando Navarro
Description of item under review for fair use: Figure "Rear Shooter thermal..." in http://www.techexchange.com/techlibrary/techguy.pdf, p. 7.
Report generated on: 05-07-2010 at: 11:00:45

Based on the information you provided:

Factor 1
Your consideration of the purpose and character of your use of the copyright work weighs: in favor of fair use

Factor 2
Your consideration of the nature of the copyrighted work you used weighs: in favor of fair use

Factor 3
Your consideration of the amount and substantiality of your use of the copyrighted work weighs: in favor of fair use

Factor 4
Your consideration of the effect or potential effect on the market after your use of the copyrighted work weighs: in favor of fair use

Based on the information you provided, your use of the copyrighted work weighs: in favor of fair use
Virginia Tech ETD Fair Use Analysis Results

This is not a replacement for professional legal advice but an effort to assist you in making a sound decision.

Name: Fernando Navarro


Report generated on: 05-07-2010 at: 10:51:47

Based on the information you provided:

Factor 1
Your consideration of the purpose and character of your use of the copyright work weighs: in favor of fair use

Factor 2
Your consideration of the nature of the copyrighted work you used weighs: in favor of fair use

Factor 3
Your consideration of the amount and substantiality of your use of the copyrighted work weighs: in favor of fair use

Factor 4
Your consideration of the effect or potential effect on the market after your use of the copyrighted work weighs: in favor of fair use

Based on the information you provided, your use of the copyrighted work weighs: in favor of fair use
Virginia Tech ETD Fair Use Analysis Results

This is not a replacement for professional legal advice but an effort to assist you in making a sound decision.

Name: Fernando Navarro


Report generated on: 05-07-2010 at : 11:05:01

Based on the information you provided:

Factor 1

Your consideration of the purpose and character of your use of the copyright work weighs: in favor of fair use

Factor 2

Your consideration of the nature of the copyrighted work you used weighs: in favor of fair use

Factor 3

Your consideration of the amount and substantiality of your use of the copyrighted work weighs: in favor of fair use

Factor 4

Your consideration of the effect or potential effect on the market after your use of the copyrighted work weighs: in favor of fair use

Based on the information you provided, your use of the copyrighted work weighs: in favor of fair use
Virginia Tech ETD Fair Use Analysis Results

This is not a replacement for professional legal advice but an effort to assist you in making a sound decision.

Name: Fernando Navarro
Report generated on: 05-07-2010 at: 11:08:12

Based on the information you provided:

Factor 1
Your consideration of the purpose and character of your use of the copyright work weighs: in favor of fair use

Factor 2
Your consideration of the nature of the copyrighted work you used weighs: in favor of fair use

Factor 3
Your consideration of the amount and substantiality of your use of the copyrighted work weighs: in favor of fair use

Factor 4
Your consideration of the effect or potential effect on the market after your use of the copyrighted work weighs: in favor of fair use

Based on the information you provided, your use of the copyrighted work weighs: in favor of fair use
Virginia Tech ETD Fair Use Analysis Results

This is not a replacement for professional legal advice but an effort to assist you in making a sound decision.

Name: Fernando Navarro


Report generated on: 05-07-2010 at: 11:15:41

Based on the information you provided:

Factor 1
Your consideration of the purpose and character of your use of the copyright work weighs: in favor of fair use

Factor 2
Your consideration of the nature of the copyrighted work you used weighs: in favor of fair use

Factor 3
Your consideration of the amount and substantiality of your use of the copyrighted work weighs: in favor of fair use

Factor 4
Your consideration of the effect or potential effect on the market after your use of the copyrighted work weighs: in favor of fair use

Based on the information you provided, your use of the copyrighted work weighs: in favor of fair use
Virginia Tech ETD Fair Use Analysis Results

This is not a replacement for professional legal advice but an effort to assist you in making a sound decision.

Name: Fernando Navarro


Report generated on: 05-07-2010 at: 11:32:17

Based on the information you provided:

Factor 1

Your consideration of the purpose and character of your use of the copyright work weighs: in favor of fair use

Factor 2

Your consideration of the nature of the copyrighted work you used weighs: in favor of fair use

Factor 3

Your consideration of the amount and substantiality of your use of the copyrighted work weighs: in favor of fair use

Factor 4

Your consideration of the effect or potential effect on the market after your use of the copyrighted work weighs: in favor of fair use

Based on the information you provided, your use of the copyrighted work weighs: in favor of fair use
Virginia Tech ETD Fair Use Analysis Results

This is not a replacement for professional legal advice but an effort to assist you in making a sound decision.

Name: Fernando Navarro

Description of item under review for fair use: Figure 3-1 in Hawkes, P. W.; Spencer, J. C. H., Science of microscopy, 2nd ed.; Springer: New York, 2007; Vol. 1, p 140.

Report generated on: 05-07-2010 at: 12:25:00

Based on the information you provided:

Factor 1
Your consideration of the purpose and character of your use of the copyright work weighs: in favor of fair use

Factor 2
Your consideration of the nature of the copyrighted work you used weighs: in favor of fair use

Factor 3
Your consideration of the amount and substantiality of your use of the copyrighted work weighs: in favor of fair use

Factor 4
Your consideration of the effect or potential effect on the market after your use of the copyrighted work weighs: in favor of fair use

Based on the information you provided, your use of the copyrighted work weighs: in favor of fair use
Virginia Tech ETD Fair Use Analysis Results

This is not a replacement for professional legal advice but an effort to assist you in making a sound decision.

Name: Fernando Navarro

Description of item under review for fair use: Figure 3-2 in Hawkes, P. W.; Spencer, J. C. H., Science of microscopy, 2nd ed.; Springer: New York, 2007; Vol. 1, p 141.

Report generated on: 05-07-2010 at: 13:08:32

Based on the information you provided:

Factor 1

Your consideration of the purpose and character of your use of the copyright work weighs: in favor of fair use

Factor 2

Your consideration of the nature of the copyrighted work you used weighs: in favor of fair use

Factor 3

Your consideration of the amount and substantiality of your use of the copyrighted work weighs: in favor of fair use

Factor 4

Your consideration of the effect or potential effect on the market after your use of the copyrighted work weighs: in favor of fair use

Based on the information you provided, your use of the copyrighted work weighs: in favor of fair use

http://etd.vt.edu/fairuse/analyzer/results.php

1 of 1

5/7/2010 1:08 PM
Virginia Tech ETD Fair Use Analysis Results

This is not a replacement for professional legal advice but an effort to assist you in making a sound decision.

Name: Fernando Navarro


Report generated on: 05-07-2010 at 11:51:12

Based on the information you provided:

Factor 1
Your consideration of the purpose and character of your use of the copyright work weighs: in favor of fair use

Factor 2
Your consideration of the nature of the copyrighted work you used weighs: in favor of fair use

Factor 3
Your consideration of the amount and substantiality of your use of the copyrighted work weighs: in favor of fair use

Factor 4
Your consideration of the effect or potential effect on the market after your use of the copyrighted work weighs: in favor of fair use

Based on the information you provided, your use of the copyrighted work weighs: in favor of fair use
Virginia Tech ETD Fair Use Analysis Results

This is not a replacement for professional legal advice but an effort to assist you in making a sound decision.

Name: Fernando Navarro

Description of item under review for fair use: Figure 1 in Morita, A. T., D. J. Carasen, et al. (2002). "Influence of drop volume on surface tension evaluated using the pendant drop method." Colloid and Polymer Science 280(9), p. 858.

Report generated on: 05-07-2010 at 11:46:41

Based on the information you provided:

Factor 1

Your consideration of the purpose and character of your use of the copyright work weighs: in favor of fair use

Factor 2

Your consideration of the nature of the copyrighted work you used weighs: in favor of fair use

Factor 3

Your consideration of the amount and substantiality of your use of the copyrighted work weighs: in favor of fair use

Factor 4

Your consideration of the effect or potential effect on the market after your use of the copyrighted work weighs: in favor of fair use

Based on the information you provided, your use of the copyrighted work weighs: in favor of fair use
Virginia Tech ETD Fair Use Analysis Results

This is not a replacement for professional legal advice but an effort to assist you in making a sound decision.

Name: Fernando Navarro


Report generated on: 05-07-2010 at: 09:52:54

Based on the information you provided:

Factor 1
Your consideration of the purpose and character of your use of the copyright work weighs: in favor of fair use

Factor 2
Your consideration of the nature of the copyrighted work you used weighs: in favor of fair use

Factor 3
Your consideration of the amount and substantiality of your use of the copyrighted work weighs: in favor of fair use

Factor 4
Your consideration of the effect or potential effect on the market after your use of the copyrighted work weighs: in favor of fair use

Based on the information you provided, your use of the copyrighted work weighs: in favor of fair use
Virginia Tech ETD Fair Use Analysis Results

This is not a replacement for professional legal advice but an effort to assist you in making a sound decision.

Name: Fernando Navarro
Description of item under review for fair use: Fig. 4 in Xiang, Q.; Lee, Y. Y.; Pettersson, P. O.; Torget, R., Heterogenous aspects of acid hydrolysis of alpha-cellulose. Applied Biochemistry and Biotechnology 2003, 105, p. 511.

Report generated on: 05-07-2010 at : 09:58:10

Based on the information you provided:

Factor 1
Your consideration of the purpose and character of your use of the copyright work weighs: in favor of fair use

Factor 2
Your consideration of the nature of the copyrighted work you used weighs: in favor of fair use

Factor 3
Your consideration of the amount and substantiality of your use of the copyrighted work weighs: in favor of fair use

Factor 4
Your consideration of the effect or potential effect on the market after your use of the copyright work weighs: in favor of fair use

Based on the information you provided, your use of the copyrighted work weighs: in favor of fair use
Virginia Tech ETD Fair Use Analysis Results

This is not a replacement for professional legal advice but an effort to assist you in making a sound decision.

Name: Fernando Navarro


Report generated on: 05-14-2010 at : 16:32:50

Based on the information you provided:

Factor 1

Your consideration of the purpose and character of your use of the copyright work weighs: in favor of fair use

Factor 2

Your consideration of the nature of the copyrighted work you used weighs: in favor of fair use

Factor 3

Your consideration of the amount and substantiality of your use of the copyrighted work weighs: in favor of fair use

Factor 4

Your consideration of the effect or potential effect on the market after your use of the copyrighted work weighs: in favor of fair use

Based on the information you provided, your use of the copyrighted work weighs: in favor of fair use
Virginia Tech ETD Fair Use Analysis Results

This is not a replacement for professional legal advice but an effort to assist you in making a sound decision.

Name: Fernando Navarro


Report generated on: 05-07-2010 at: 10:18:35

Based on the information you provided:

Factor 1
Your consideration of the purpose and character of your use of the copyright work weighs: in favor of fair use

Factor 2
Your consideration of the nature of the copyrighted work you used weighs: in favor of fair use

Factor 3
Your consideration of the amount and substantiality of your use of the copyrighted work weighs: in favor of fair use

Factor 4
Your consideration of the effect or potential effect on the market after your use of the copyrighted work weighs: in favor of fair use

Based on the information you provided, your use of the copyrighted work weighs: in favor of fair use
Virginia Tech ETD Fair Use Analysis Results

This is not a replacement for professional legal advice but an effort to assist you in making a sound decision.

Name: Fernando Navarro

Description of item under review for fair use: Figure 1 in Gray, D. G. (1994). "Chiral nematic ordering of polysaccharides." Carbohydrate Polymers 25, p. 277.

Report generated on: 05-07-2010 at: 10:22:45

Based on the information you provided:

Factor 1

Your consideration of the purpose and character of your use of the copyright work weighs: in favor of fair use

Factor 2

Your consideration of the nature of the copyrighted work you used weighs: in favor of fair use

Factor 3

Your consideration of the amount and substantiality of your use of the copyrighted work weighs: in favor of fair use

Factor 4

Your consideration of the effect or potential effect on the market after your use of the copyrighted work weighs: in favor of fair use

Based on the information you provided, your use of the copyrighted work weighs: in favor of fair use
Virginia Tech ETD Fair Use Analysis Results

This is not a replacement for professional legal advice but an effort to assist you in making a sound decision.

Name: Fernando Navarro


Report generated on: 05-07-2010 at: 10:12:45

Based on the information you provided:

Factor 1
Your consideration of the purpose and character of your use of the copyright work weighs: in favor of fair use

Factor 2
Your consideration of the nature of the copyrighted work you used weighs: in favor of fair use

Factor 3
Your consideration of the amount and substantiality of your use of the copyrighted work weighs: in favor of fair use

Factor 4
Your consideration of the effect or potential effect on the market after your use of the copyrighted work weighs: in favor of fair use

Based on the information you provided, your use of the copyrighted work weighs: in favor of fair use
Virginia Tech ETD Fair Use Analysis Results

This is not a replacement for professional legal advice but an effort to assist you in making a sound decision.

Name: Fernando Navarro


Report generated on: 05-07-2010 at: 11:25:08

Based on the information you provided:

Factor 1

Your consideration of the purpose and character of your use of the copyright work weighs: in favor of fair use

Factor 2

Your consideration of the nature of the copyrighted work you used weighs: in favor of fair use

Factor 3

Your consideration of the amount and substantiality of your use of the copyrighted work weighs: in favor of fair use

Factor 4

Your consideration of the effect or potential effect on the market after your use of the copyrighted work weighs: in favor of fair use

Based on the information you provided, your use of the copyrighted work weighs: in favor of fair use
Virginia Tech ETD Fair Use Analysis Results

This is not a replacement for professional legal advice but an effort to assist you in making a sound decision.

Name: Fernando Navarro
Description of item under review for fair use: Table 1 in http://www.veeco.com/pdfs/appnotes/AN48r2_SPM_AFM_278.pdf, p. 1.
Report generated on: 05-07-2010 at 11:28:24

Based on the information you provided:

Factor 1
Your consideration of the purpose and character of your use of the copyright work weighs: in favor of fair use

Factor 2
Your consideration of the nature of the copyrighted work you used weighs: in favor of fair use

Factor 3
Your consideration of the amount and substantiality of your use of the copyrighted work weighs: in favor of fair use

Factor 4
Your consideration of the effect or potential effect on the market after your use of the copyrighted work weighs: in favor of fair use

Based on the information you provided, your use of the copyrighted work weighs: in favor of fair use
Virginia Tech ETD Fair Use Analysis Tool

Please complete all fields and answer all questions. You must answer every question to receive fair use determination guidance. If you answer "don't know," it will weigh against fair use.

**Your name**
Fernando Navarro

Provide a citation for the item you are considering for fair use: (e.g., Figure 1.1. ABC Festival. Source: XYZ: PQ Publishers, May 2000, p.20)

<table>
<thead>
<tr>
<th>Source and Details</th>
</tr>
</thead>
</table>

Factor 1: Consider the purpose and character of the use you made of someone else's copyrighted material in your ETD.

Assumptions impacting this factor: An ETD available on the Internet is considered the equivalent to making multiple copies available. VT is a non-profit educational institution. The purpose of the ETD is research, academic and educational.

1. Was the purpose of your use of the copyrighted work for a business or commercial activity?
   - Yes
   - No

2. Was the reason for using the copyrighted work also to entertain?
   - Yes
   - No

3. Was criticism, commentary, news reporting, or parody a reason for using the copyrighted work in your ETD?
   - Yes
   - No

4. Have you given credit to the author or creator of the copyrighted work in your ETD?
   - Yes
   - No

5. Did you redo or alter the copyrighted work to serve a new purpose when you used it in your ETD?
   - Yes
   - No

Factor 2: Consider the nature of the copyrighted work you used in your ETD.

1. Is it a creative work, such as a picture of a painting, a poem, or a work of fiction?
   - Yes
   - No

2. Did it come from a published work?
   - Yes
   - No
   - Don't know

3. Is it a factual work, such as a quote from a scientific journal, a graph or a table derived from statistical data?
   - Yes
   - No

Factor 3: Consider the extent and significance of the copyrighted work you used.

1. Did you use a substantial portion of the copyrighted work?
   - Yes
   - No

2. Was the part of the copyrighted work you included in your ETD a negligible part of the whole work?
   - Yes
   - No
   - Don't know

3. Was the portion of the work you included in your ETD central to or the heart of the copyrighted work?
   - Yes
   - No
   - Don't know

Factor 4: Consider the effect your use of the copyrighted material may have on the (potential) sale of the copyrighted work.

1. Did you lawfully acquire a copy of copyrighted material you used in your ETD?
   - Yes
   - No

2. Will access to the copyrighted work in your ETD have a notable effect on the market or potential market for the original work?
   - Yes
   - No
   - Don't know

3. Is there a licensing mechanism in place for using the copyrighted work?
   - Yes
   - No
   - Don't know

4. Could access to the copyrighted material in your ETD replace the use of original copyrighted work?
   - Yes
   - No

5. Would it be affordable (i.e., cost-effective) for you to get permission for using the copyrighted work?
   - Yes
   - No
VT Fair Use Analysis Tool from the Digital Library and Archives at Virginia Tech.

http://etd.vt.edu/fairuse/analyzer/
Please complete all fields and answer all questions. You must answer every question to receive fair use determination guidance. If you answer "don’t know," it will weigh against fair use.

Your name
Fernando Navarro

Provide a citation for the item you are considering for fair use: (e.g., Figure 1.1. ABC Festival. Source: XYZ: PQ Publishers, May 2000, p.20)
Figure 10 in Lima, M. M. D.; Formali, K., BioLike cellulose microcrystals: structure, properties, and applications. Material.

Factor 1: Consider the purpose and character of the use you made of someone else’s copyrighted material in your ETD.
Assumptions impacting this factor: An ETD available on the Internet is considered the equivalent to making multiple copies available. VT is a non-profit educational institution. The purpose of the ETD is research, academic and educational.
1. Was the purpose of your use of the copyrighted work for a business or commercial activity?
   # Yes
   # No

2. Was the reason for using the copyrighted work also to entertain?
   # Yes
   # No

3. Was criticism, commentary, news reporting, or parody a reason for using the copyrighted work in your ETD?
   # Yes
   # No

4. Have you given credit to the author or creator of the copyrighted work in your ETD?
   # Yes
   # No

5. Did you redo or alter the copyrighted work to serve a new purpose when you used it in your ETD?
   # Yes
   # No

Factor 2: Consider the nature of the copyrighted work you used in your ETD.
1. Is it a creative work, such as a picture of a painting, a poem, or a work of fiction?
   # Yes
   # No

2. Did it come from a published work?
   # Yes
   # No
   # Don’t know

3. Is it a factual work, such as a quote from a scientific journal, a graph or a table derived from statistical data?
   # Yes
   # No

Factor 3: Consider the extent and significance of the copyrighted work you used.
1. Did you use a substantial portion of the copyrighted work?
   # Yes
   # No

2. Was the part of the copyrighted work you included in your ETD a negligible part of the whole work?
   # Yes
   # No
   # Don’t know

3. Was the portion of the work you included in your ETD central to or the heart of the copyrighted work?
   # Yes
   # No
   # Don’t know

Factor 4: Consider the effect your use of the copyrighted material may have on the (potential) sale of the copyrighted work.
1. Did you lawfully acquire a copy of copyrighted material you used in your ETD?
   # Yes
   # No

2. Will access to the copyrighted work in your ETD have a notable effect on the market or potential market for the original work?
   # Yes
   # No
   # Don’t know

3. Is there a licensing mechanism in place for using the copyrighted work?
   # Yes
   # No
   # Don’t know

4. Could access to the copyrighted material in your ETD replace the use of original copyrighted work?
   # Yes
   # No

5. Would it be affordable (i.e., cost-effective) for you to get permission for using the copyrighted work?
   # Yes
   # No
**Virginia Tech ETD Fair Use Analysis Tool**

Please complete all fields and answer all questions. You must answer every question to receive fair use determination guidance. If you answer "don't know," it will weigh against fair use.

**Your name**

**Fernando Navarro**

Provide a citation for the item you are considering for fair use: (e.g., Figure 1.1. ABC Festival. Source: XYZ: PQ Publishers, May 2000, p.20)

**Figure 2 in Araki, S., M. Muda, et al. (1999), "Influence of surface charge on viscosity behavior of cellulose microcrystal**

**Factor 1: Consider the purpose and character of the use you made of someone else's copyrighted material in your ETD.**

Assumptions impacting this factor: An ETD available on the Internet is considered the equivalent to making multiple copies available. VT is a non-profit educational institution. The purpose of the ETD is research, academic and educational.

1. Was the purpose of your use of the copyrighted work for a business or commercial activity?
   - Yes
   - No

2. Was the reason for using the copyrighted work also to entertain?
   - Yes
   - No

3. Was criticism, commentary, news reporting, or parody a reason for using the copyrighted work in your ETD?
   - Yes
   - No

4. Have you given credit to the author or creator of the copyrighted work in your ETD?
   - Yes
   - No

5. Did you redo or alter the copyrighted work to serve a new purpose when you used it in your ETD?
   - Yes
   - No

**Factor 2: Consider the nature of the copyrighted work you used in your ETD.**

1. Is it a creative work, such as a picture of a painting, a poem, or a work of fiction?
   - Yes
   - No

2. Did it come from a published work?
   - Yes
   - No
   - Don't know

3. Is it a factual work, such as a quote from a scientific journal, a graph or a table derived from statistical data?
   - Yes
   - No

**Factor 3: Consider the extent and significance of the copyrighted work you used.**

1. Did you use a substantial portion of the copyrighted work?
   - Yes
   - No

2. Was the part of the copyrighted work you included in your ETD a negligible part of the whole work?
   - Yes
   - No
   - Don't know

3. Was the portion of the work you included in your ETD central to or the heart of the copyrighted work?
   - Yes
   - No
   - Don't know

**Factor 4: Consider the effect your use of the copyrighted material may have on the (potential) sale of the copyrighted work.**

1. Did you lawfully acquire a copy of copyrighted material you used in your ETD?
   - Yes
   - No

2. Will access to the copyrighted work in your ETD have a notable effect on the market or potential market for the original work?
   - Yes
   - No
   - Don't know

3. Is there a licensing mechanism in place for using the copyrighted work?
   - Yes
   - No
   - Don't know

4. Could access to the copyrighted material in your ETD replace the use of original copyrighted work?
   - Yes
   - No

5. Would it be affordable (i.e., cost-effective) for you to get permission for using the copyrighted work?
   - Yes
   - No
Don't know

Analyze Fair Use
Virginia Tech ETD Fair Use Analysis Results

This is not a replacement for professional legal advice but an effort to assist you in making a sound decision.

Name: Fernando Navarro
Report generated on: 05-07-2010 at : 10:40:02

Based on the information you provided:

Factor 1
Your consideration of the purpose and character of your use of the copyright work weighs: in favor of fair use

Factor 2
Your consideration of the nature of the copyrighted work you used weighs: in favor of fair use

Factor 3
Your consideration of the amount and substantiality of your use of the copyrighted work weighs: in favor of fair use

Factor 4
Your consideration of the effect or potential effect on the market after your use of the copyrighted work weighs: in favor of fair use

Based on the information you provided, your use of the copyrighted work weighs: in favor of fair use
Virginia Tech ETD Fair Use Analysis Tool

Please complete all fields and answer all questions. You must answer every question to receive fair use determination guidance. If you answer "don't know," it will weigh against fair use.

Your name
Fernando Navarro

Provide a citation for the item you are considering for fair use: (e.g., Figure 1.1. ABC Festival. Source: XYZ: PQ Publishers, May 2000, p.20)
Figure 1 in Le, N. F. (1990). "Progress and trends in ink-jet printing technology." Journal of Imaging Science and Technology

Factor 1: Consider the purpose and character of the use you made of someone else's copyrighted material in your ETD.
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1. Was the purpose of your use of the copyrighted work for a business or commercial activity?
   ☐ Yes
   ☑ No
2. Was the reason for using the copyrighted work also to entertain?
   ☐ Yes
   ☑ No
3. Was criticism, commentary, news reporting, or parody a reason for using the copyrighted work in your ETD?
   ☐ Yes
   ☑ No
4. Have you given credit to the author or creator of the copyrighted work in your ETD?
   ☐ Yes
   ☑ No
5. Did you redo or alter the copyrighted work to serve a new purpose when you used it in your ETD?
   ☐ Yes
   ☑ No

Factor 2: Consider the nature of the copyrighted work you used in your ETD.
1. Is it a creative work, such as a picture of a painting, a poem, or a work of fiction?
   ☐ Yes
   ☑ No
2. Did it come from a published work?
   ☑ Yes
   ☐ No
   ☘ Don't know
3. Is it a factual work, such as a quote from a scientific journal, a graph or a table derived from statistical data?
   ☑ Yes
   ☘ No
   ☘ Don't know

Factor 3: Consider the extent and significance of the copyrighted work you used.
1. Did you use a substantial portion of the copyrighted work?
   ☐ Yes
   ☑ No
2. Was the part of the copyrighted work you included in your ETD a negligible part of the whole work?
   ☐ Yes
   ☑ No
   ☘ Don't know
3. Was the portion of the work you included in your ETD central to or the heart of the copyrighted work?
   ☘ Yes
   ☘ No
   ☘ Don't know

Factor 4: Consider the effect your use of the copyrighted material may have on the (potential) sale of the copyrighted work.
1. Did you lawfully acquire a copy of copyrighted material you used in your ETD?
   ☑ Yes
   ☘ No
2. Will access to the copyrighted work in your ETD have a notable effect on the market or potential market for the original work?
   ☘ Yes
   ☘ No
   ☘ Don't know
3. Is there a licensing mechanism in place for using the copyrighted work?
   ☘ Yes
   ☘ No
   ☘ Don't know
4. Could access to the copyrighted material in your ETD replace the use of original copyrighted work?
   ☘ Yes
   ☘ No
5. Would it be affordable (i.e., cost-effective) for you to get permission for using the copyrighted work?
   ☘ Yes
   ☘ No
Don't know

Analyze Fair Use

http://etd.vt.edu/fairuse/analyzer/
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Your name

Fernando Navarro

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   # No
   # Don't know

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   ○ Yes
   # No

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   ○ Yes
   # No
   # Don't know

3. Is there a licensing mechanism in place for using the copyrighted work?
   ○ Yes
   # No
   # Don't know

4. Could access to the copyrighted material in your ETD replace the use of original copyrighted work?
   ○ Yes
   # No

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   - No

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   - Yes
   - No

3. Is there a licensing mechanism in place for using the copyrighted work?
   - Yes
   - No

4. Could access to the copyrighted material in your ETD replace the use of original copyrighted work?
   - Yes
   - No

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   - Yes
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Figure "Fears Shooter thermal..." in The Library Publishing Exchange Project, "Virtual Library," p. 1.

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**Your name**

Fernando Navarro

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   - No
   - Don't know

3. Is there a licensing mechanism in place for using the copyrighted work?
   - Yes
   - No
   - Don't know

4. Could access to the copyrighted material in your ETD replace the use of original copyrighted work?
   - Yes
   - No

5. Would it be affordable (i.e., cost-effective) for you to get permission for using the copyrighted work?
   - Yes
   - No
VT Fair Use Analysis Tool from the Digital Library and Archives at Virginia...

[Analyse Fair Use]

http://etd.vt.edu/fairuse/analyzer/
Virginia Tech ETD Fair Use Analysis Tool

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Your name:
Fernando Navarro

Provide a citation for the item you are considering for fair use:
Figure 1.1. ABC Festival. Source: XYZ: PQ Publishers, May 2000, p.20
Figure 15 in Lee, N. P. (1998). "Progress and trends in ink-jet printing technology." Journal of Imaging Science and Technology

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   - Yes
   - # No

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Factor 4: Consider the effect your use of the copyrighted material may have on the (potential) sale of the copyrighted work.

1. Did you lawfully acquire a copy of copyrighted material you used in your ETD?
   - Yes
   - # No

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   - Yes
   - # No
   - Don't know

3. Is there a licensing mechanism in place for using the copyrighted work?
   - Yes
   - # No
   - Don't know

4. Could access to the copyrighted material in your ETD replace the use of original copyrighted work?
   - Yes
   - # No

5. Would it be affordable (i.e., cost-effective) for you to get permission for using the copyrighted work?
   - Yes
   - # No
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Your name

Fernando Navarro

Provide a citation for the item you are considering for fair use: [e.g., Figure 1.1. ABC Festival. Source: XYZ: PQ Publishers, May 2000, p.20]

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Your name: Fernando Navarro

Provide a citation for the item you are considering for fair use:
Figure 1 in Abramovitch, E. Y.; Andersen, S. R.; Eto, L. Y.; George, S. In A Tutorial, on the mechanisms, dynamics, and control of

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   - Yes
   - No
Don't know

Analyze Fair Use
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Your name

Fernando Navarro

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   - No
   - Don't know

3. Is there a licensing mechanism in place for using the copyrighted work?
   - Yes
   - No
   - Don't know

4. Could access to the copyrighted material in your ETD replace the use of original copyrighted work?
   - Yes
   - No

5. Would it be affordable (i.e., cost-effective) for you to get permission for using the copyrighted work?
   - Yes
   - No

Questions? Concerns? Contact Gail McMillan, Director of the Digital Library and Archives at Virginia Tech's University Libraries: gailmac@vt.edu

(Please ensure that Javascript is enabled on your browser before using this tool.)
VT Fair Use Analysis Tool from the Digital Library and Archives at Virginia Tech... http://etd.vt.edu/fairuse/analyzer/
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Your name: Fernando Navarro

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   - Yes
   - No

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Factor 3: Consider the extent and significance of the copyrighted work you used.

1. Did you use a substantial portion of the copyrighted work?
   - Yes
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   - Don't know

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Figure 1 in Moritz, A. T., D. O. Carstian, et al. (2000). "Influence of drop volume on surfice tension evaluated using the pendant.

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Szezech I in Giriuta, E., L. Jarwanen, et al. (2007), "Kinetic study on the acid-catalyzed hydrolysis of cellulose to levulinic acid."

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Fig. 4 in Xiang, G.; Lee, Y. T.; Paterson, S. O.; Forget, B., Heterogeneous aspects of acid hydrolysis of alpha-cellulose. Applied...

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Analyze Fair Use
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**Your name**

Fernando Navarro

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Picture 1 in Elazatomi-Hfiefousi, S.;
Dahiyen, T.; Putrus, S; Dehui, L.; Deubel, E.; Koch, C., The shape and size

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Table 2 in Abesavith, D. Y., Z. B. Hufreese, et al. (2007). A Tutorial on the mechanism, dynamics, and control of Atomic

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   ● No

2. Was the reason for using the copyrighted work also to entertain?
   ● Yes
   ● No

3. Was criticism, commentary, news reporting, or parody a reason for using the copyrighted work in your ETD?
   ● Yes
   ● No

4. Have you given credit to the author or creator of the copyrighted work in your ETD?
   ● Yes
   ● No

5. Did you redo or alter the copyrighted work to serve a new purpose when you used it in your ETD?
   ● Yes
   ● No

Factor 2: Consider the nature of the copyrighted work you used in your ETD.

1. Is it a creative work, such as a picture of a painting, a poem, or a work of fiction?
   ● Yes
   ● No

2. Did it come from a published work?
   ● Yes
   ● No
   ● Don't know

3. Is it a factual work, such as a quote from a scientific journal, a graph or a table derived from statistical data?
   ● Yes
   ● No
   ● Don't know

Factor 3: Consider the extent and significance of the copyrighted work you used.

1. Did you use a substantial portion of the copyrighted work?
   ● Yes
   ● No

2. Was the part of the copyrighted work you included in your ETD a negligible part of the whole work?
   ● Yes
   ● No
   ● Don't know

3. Was the portion of the work you included in your ETD central to or the heart of the copyrighted work?
   ● Yes
   ● No
   ● Don't know

Factor 4: Consider the effect your use of the copyrighted material may have on the (potential) sale of the copyrighted work.

1. Did you lawfully acquire a copy of copyrighted material you used in your ETD?
   ● Yes
   ● No

2. Will access to the copyrighted work in your ETD have a notable effect on the market or potential market for the original work?
   ● Yes
   ● No
   ● Don't know

3. Is there a licensing mechanism in place for using the copyrighted work?
   ● Yes
   ● No
   ● Don't know

4. Could access to the copyrighted material in your ETD replace the use of original copyrighted work?
   ● Yes
   ● No

5. Would it be affordable (i.e., cost-effective) for you to get permission for using the copyrighted work?
   ● Yes
   ● No
VT Fair Use Analysis Tool from the Digital Library and Archives at Virginia Tech.

http://etd.vt.edu/fairuse/analyzer/
Virginia Tech ETD Fair Use Analysis Tool

Please complete all fields and answer all questions. You must answer every question to receive fair use determination guidance. If you answer "don't know," it will weigh against fair use.

Your name
Fernando Navarro

Provide a citation for the item you are considering for fair use: (e.g., Figure 1.1. ABC Festival. Source: XYZ: PQ Publishers, May 2000, p.20)

Table 1 in https://www.vt.edu/pdfs/appnotes/Shore_Syn_Eth_Ctr.pdf, p. 1.

Factor 1: Consider the purpose and character of the use you made of someone else's copyrighted material in your ETD.

Assumptions impacting this factor: An ETD available on the Internet is considered the equivalent to making multiple copies available. VT is a non-profit educational institution. The purpose of the ETD is research, academic and educational.

1. Was the purpose of your use of the copyrighted work for a business or commercial activity?
   - Yes
   - No

2. Was the reason for using the copyrighted work also to entertain?
   - Yes
   - No

3. Was criticism, commentary, news reporting, or parody a reason for using the copyrighted work in your ETD?
   - Yes
   - No

4. Have you given credit to the author or creator of the copyrighted work in your ETD?
   - Yes
   - No

5. Did you redo or alter the copyrighted work to serve a new purpose when you used it in your ETD?
   - Yes
   - No

Factor 2: Consider the nature of the copyrighted work you used in your ETD.

1. Is it a creative work, such as a picture of a painting, a poem, or a work of fiction?
   - Yes
   - No

2. Did it come from a published work?
   - Yes
   - No

3. Is it a factual work, such as a quote from a scientific journal, a graph or a table derived from statistical data?
   - Yes
   - No

Factor 3: Consider the extent and significance of the copyrighted work you used.

1. Did you use a substantial portion of the copyrighted work?
   - Yes
   - No

2. Was the part of the copyrighted work you included in your ETD a negligible part of the whole work?
   - Yes
   - No

3. Was the portion of the work you included in your ETD central to or the heart of the copyrighted work?
   - Yes
   - No

Factor 4: Consider the effect your use of the copyrighted material may have on the (potential) sale of the copyrighted work.

1. Did you lawfully acquire a copy of copyrighted material you used in your ETD?
   - Yes
   - No

2. Will access to the copyrighted work in your ETD have a notable effect on the market or potential market for the original work?
   - Yes
   - No

3. Is there a licensing mechanism in place for using the copyrighted work?
   - Yes
   - No

4. Could access to the copyrighted material in your ETD replace the use of original copyrighted work?
   - Yes
   - No

5. Would it be affordable (i.e., cost-effective) for you to get permission for using the copyrighted work?
   - Yes
   - No
VT Fair Use Analysis Tool from the Digital Library and Archives at Virginia...